UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUMMARIES OF DATA ON AND LISTS OF REFERENCES TO METALLIC AND SELECTED NONMETALLIC MINERAL OCCURRENCES IN THE WISEMAN QUADRANGLE, ALASKA, SUPPLEMENT TO OPEN-FILE REPORT 76-340

PART B -- LISTS OF REFERENCES TO JANUARY 1, 1981

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Open-File Report 81-732B
1981

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

Introduction

This report was prepared as a supplement to a 1976 report which summarized data on mineral occurrences in the Wiseman quadrangle, Alaska (Cobb, E. H., 1976, Summary of references to mineral occurrences (other than mineral fuels and construction materials) in the Chandalar and Wiseman quadrangles, Alaska: U.S. Geological Survey Open-File Report 76-340, 205 p.). As a result of suggestions from users of the series of which the 1976 report is a part, this supplement is released in two parts: Part A, which presents summaries of data to January 1, 1981, and Part B, which consists of reference lists for each occurrence.

In Part A data from most reports released between the cut-off date (January 1, 1975) for the original report and January 1, 1981 have been incorporated in rewritten or new summaries where appropriate. For each occurrence described in Part A the name, U.S. Bureau of Mines mining district, reference that has the occurrence plotted on a map on a scale of 1:250,000, list of mineral commodities, and location data are in the same format as in the 1976 report. Also included is a list of synonyms, owners, operators, and claim names.

In both parts citations are in standard bibliographic format with the exception that references to reports and maps in numbered publication series also show, in parentheses, an abbreviation for the report or map series and the number of the report or map. Abbreviations used are:

B	U.S. Geological Survey Bulletin
BMB	U.S. Bureau of Mines Bulletin
C	U.S. Geological Survey Circular
GC	Alaska Division of Geological Survey Geochemical Report
IC	U.S. Bureau of Mines Information Circular
OF	U.S. Geological Survey Open-File Report
MF	U.S. Geological Survey Miscellaneous Field Studies Map
P	U.S. Geological Survey Professional Paper
RI	U.S. Bureau of Mines Report of Investigations
TDM	Alaska Territorial Department of Mines Pamphlet
USBM OF	U.S. Bureau of Mines Open-File Report

In Part B citations to the principal references used in preparing summaries in Part A are preceded by an asterisk. The form of citation used in the reference list for each occurrence is considered sufficient identification for each numbered report or map to be found easily in most libraries. Complete references to reports without identifying numbers are listed at the end of Part B.

The following two U.S. Bureau of Mines Open-File Reports were not used in preparing this supplement because descriptions of most occurrences are not sufficiently detailed to allow evaluation of deposits. In many descriptions it is not possible to determine if a potentially valuable mineral was identified or if the report is based solely on an analysis of a sample collected during a geochemical survey. Most specific data are also in other reports, such as Grybeck, 1977 (OF 77-166C).

Staff, Alaska Field Operations Center. 1978, Mineral appraisal of

the proposed Gates of the Arctic Wilderness National Park, Alaska: A preliminary comment: U.S. Bureau of Mines Open-File Report 109-78, 29 p.

Staff, Alaska Field Operations Center, 1979, A mineral appraisal of the areas traversed by the Kobuk, Killik, Alatna and John Rivers and the North Fork of the Koyukuk River, Brooks Range, Alaska: A summary report: U.S. Bureau of Mines Open-File Report 36-79, 23 p.

(Acme Cr.)

*Reed, 1938, p. 78-79
Cobb, 1972 (MF-469), loc. 42
Cobb, 1967 (OF 76-340), p. 83
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Agnes Cr.)

*Reed, 1938, p. 130
Cobb, 1976 (OF 76-340), p. 84

(Allen R.)

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 9
Cobb, 1976 (OF 76-340), p. 85
Grybeck, 1977 (OF 77-166C), p. 28, loc. 29

(Archibald Gulch) (Cr.)

Maddren, 1910 (B 442), p. 292, 301-302
Maddren, 1913 (B 532), p. 69, 92-93
Smith, 1930 (B 810), p. 27
Smith, 1934 (B 864-A), p. 40-41
Smith, 1936 (B 868-A), p. 42
Smith, 1937 (B 880-A), p. 45
Reed, 1938, p. 75-77
Smith, 1938 (B 897-A), p. 54
Smith, 1939 (B 910-A), p. 56
Smith, 1939 (B 917-A), p. 55
Smith, 1941 (B 926-A), p. 52
Ebbley and Wright, 1948 (RI 4173), p. 38
Cobb, 1972 (MF-469), loc. 42
Mulligan, 1974 (IC 8626), p. 7
*Cobb, 1976 (OF 76-340), p. 86
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Big Four Cr.)

Schrader, 1904 (P 20), p. 100
*Reed, 1938, p. 87-88
Cobb, 1976 (OF 76-340), p. 87

(Birch Cr.)

Maddren, 1910 (B 442), p. 292, 314
Maddren, 1913 (B 532), p. 70, 109
Brooks, 1918 (B 662), p. 59
Brooks and Martin, 1921 (B 714), p. 90
Smith and Mertie, 1930 (B 815), p. 333
*Reed, 1938, p. 131-132
Cobb, 1972 (MF-469), loc. 33
Cobb, 1976 (OF 76-340), p. 88
Grybeck, 1977 (OF 77-166C), p. 27, loc. 22

(Blake Cr.)

*Smith, 1908 (B 345), p. 45
Cobb, 1976 (OF 76-340), p. 89

(Bourbon Cr.)

*Reed, 1938, p. 141
Cobb, 1972 (MF-469), loc. 37
Cobb, 1976 (OF 76-340), p. 90
Grybeck, 1977 (OF 77-166C), p. 28, loc. 25

(Bryan Cr.)

*Schrader, 1900, p. 485
Cobb, 1976 (OF 76-340), p. 91

(Canyon Cr.)

*Mulligan, 1974 (IC 8626), p. 7
Cobb, 1976 (OF 76-340), p. 92

(Chapman Cr.)

*Maddren, 1913 (B 532), p. 83
Reed, 1938, p. 149-150
Cobb, 1972 (MF-469), locs. 56, 57
Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 93
Cobb, 1977 (OF 77-168B), p. 53, locs. 5, 6

(Clara Gulch) (Cr.)

Schrader, 1900, p. 486
Schrader, 1904 (P 20), p. 99, 101-102
Maddren, 1910 (B 442), p. 292
Maddren, 1913 (B 532), p. 69, 89
Smith, 1936 (B 868-A), p. 42-43
Reed, 1938, p. 91
Cobb, 1972 (MF-469), loc. 50
Mulligan, 1974 (IC 8626), p. 9
*Cobb, 1976 (OF 76-340), p. 94

(Colorado Cr.)

Smith, 1912 (B 520), p. 333
Smith, 1913 (B 536), p. 143-144
Smith and Mertie, 1930 (B 815), p. 334-335
Reed, 1938, p. 143
Cobb, 1972 (MF-469), loc. 63
*Cobb, 1976 (OF 76-340), p. 95

(Confederate Gulch) (Cr.)

*Maddren, 1913 (B 532), p. 95

Reed, 1938, p. 58-59
Cobb, 1972 (MF-469), loc. 45
*Mulligan, 1974 (IC 8626), p. 8
Cobb, 1976 (OF 76-340), p. 96

(Congolmerate Cr.)

*Reed, 1938, p. 87
Cobb, 1976 (OF 76-340), p. 97

(Cow Cr.)

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 18
Cobb, 1976 (OF 76-340), p. 98
Grybeck, 1977 (OF 77-166C), p. 29, loc. 39

(Crevice Cr.)

Maddren, 1910 (B 442), p. 292, 314
Maddren, 1913 (B 532), p. 70, 110
Smith, 1913 (B 536), p. 144
Brooks, 1916 (B 642), p. 65
Smith and Mertie, 1930 (B 815), p. 334
Reed, 1938, p. 143
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), locs. 10, 26
*Cobb, 1976 (OF 76-340), p. 99
Grybeck, 1977 (OF 77-166C), p. 28, loc. 30

(Eagle Cliff) (Bluff)

Schrader, 1904 (P 20), p. 102
Maddren, 1910 (B 442), p. 292, 312
*Maddren, 1913 (B 532), p. 70, 107
Reed, 1938, p. 156
Cobb, 1972 (MF-469), loc. 62
Cobb, 1976 (OF 76-340), p. 100
Cobb, 1977 (OF 77-168B), p. 53, loc. 10

(Eagle Gulch)

*Reed, 1938, p. 136
Cobb, 1972 (MF-469), loc. 33
Cobb, 1976 (OF 76-340), p. 101
Grybeck, 1977 (OF 77-166C), p. 26, loc. 22

(East Cr.)

*Reed, 1938, p. 141
Cobb, 1976 (OF 76-340), p. 102

(Emma Cr.)

Schrader, 1900, p. 486
Schrader, 1904 (P 20), p. 99, 102

Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 292, 300
Brooks, 1913 (B 542), p. 45
*Maddren, 1913 (B 532), p. 69, 90-91
Brooks, 1915 (B 622), p. 59
Brooks, 1918 (B 662), p. 59
Reed, 1938, p. 88-90
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 48
*Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 103
Grybeck, 1977 (OF 77-166C), p. 30, loc. 41

(Emma Dome)

*Brosgé and Reiser, 1972 (P 709), p. 20
Cobb, 1972 (MF-469), loc. 17
Cobb, 1976 (OF 76-340), p. 104
Grybeck, 1977 (OF 77-166C), p. 29, loc. 40

(Fall Cr.)

*Reed, 1938, p. 141
Cobb, 1976 (OF 76-340), p. 105

(Fay Gulch) (Cr.)

Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 292, 301-303
Maddren, 1913 (B 532), p. 69, 92-94
Reed, 1938, p. 77-78
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 42
Mulligan, 1974 (IC 8626), p. 7
*Cobb, 1976 (OF 76-340), p. 106
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

Ferguson

Ebbley and Wright, 1948 (RI 4173), p. 37
Brosgé and Reiser, 1972 (P 709), p. 9
Cobb, 1972 (MF-469), loc. 20
Mulligan, 1974 (IC 8626), p. 8
*Cobb, 1976 (OF 76-340), p. 107
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

(Fool Cr.)

Maddren, 1910 (B 442), p. 314
Maddren, 1913 (B 532), p. 110
Smith, 1913 (B 536), p. 144
Brooks and Capps, 1924 (B 755), p. 46
Smith and Mertie, 1930 (B 815), p. 334
*Cobb, 1976 (OF 76-340), p. 108

(Frisbe Cr.)

*Reed, 1938, p. 161
Cobb, 1976 (OF 76-340), p. 109

(Fryingpan Cr.)

*Reed, 1938, p. 147-148
Cobb, 1976 (OF 76-340), p. 110
Cobb, 1977 (OF 77-168B), p. 53, loc. 5

(Galena Cr.)

*Reed, 1938, p. 138-139
Cobb, 1972 (MF-469), loc. 36
Cobb, 1976 (OF 76-340), p. 111
Grybeck, 1977 (OF 77-166C), p. 28, loc. 27

(Grubstake Bar)

Maddren, 1910 (B 442), p. 292, 312
*Maddren, 1913 (B 532), p. 70, 107
Reed, 1938, p. 155
Cobb, 1972 (MF-469), loc. 61
Cobb, 1976 (OF 76-340), p. 112
Cobb, 1977 (OF 77-168B), p. 53, loc. 9

(Hamil Bar)

*Reed, 1938, p. 148
Cobb, 1976 (OF 76-340), p. 113
Cobb, 1977 (OF 77-168B), p. 53, loc. 4

(Hammond R.) (Cr.)

Brooks, 1904 (B 225), p. 58
Schrader, 1904 (P 20), p. 100-102
Maddren, 1910 (B 442), p. 292, 304-305
Brooks, 1912 (B 520), p. 38
Brooks, 1913 (B 542), p. 45
Maddren, 1913 (B 532), p. 69, 95-97
Brooks, 1914 (B 592), p. 69
*Brooks, 1915 (B 622), p. 58-60
Brooks, 1916 (B 642), p. 64
Smith, 1917 (BMB 142), p. 25
Smith, 1917 (BMB 153), p. 54
Brooks, 1918 (B 662), p. 59
Brooks and Capps, 1924 (B 755), p. 46
Moffit, 1927 (B 792), p. 14
Smith, 1929 (B 797), p. 21-22
Smith, 1930 (B 810), p. 27-28
Smith, 1930 (B 813), p. 33
Smith, 1933 (B 844-A), p. 39
Smith, 1934 (B 857-A), p. 36
Smith, 1934 (B 864-A), p. 40-41

Smith, 1936 (B 868-A), p. 42-43
Smith, 1937 (B 880-A), p. 45-46
Reed, 1938, p. 49-58
Smith, 1938 (B 897-A), p. 54
Smith, 1941 (B 926-A), p. 52
Smith, 1942 (B 933-A), p. 47
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), locs. 23, 41
Cobb, 1973 (B 1374), p. 158-159
Mulligan, 1974 (IC 8626), p. 7
*Cobb, 1976 (OF 76-340), p. 114-115
Grybeck, 1977 (OF 77-166C), p. 29, loc. 34b

(Hanshaw Bar)

*Reed, 1938, p. 155
Cobb, 1972 (MF-469), loc. 60
Cobb, 1976 (OF 76-340), p. 116
Cobb, 1977 (OF 77-168B), p. 53, loc. 8

(Hunt Fork)

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), locs. 2, 3
Cobb, 1976 (OF 76-340), p. 117
Grybeck, 1977 (OF 77-166C), p. 26, loc. 8

(Jap Cr.)

*Mulligan, 1974 (IC 8626), p. 8
Cobb, 1976 (OF 76-340), p. 118

(J(ay) Cr.)

Brooks, 1916 (B 642), p. 65
Smith, 1917 (BMB 142), p. 25
Brooks, 1918 (B 662), p. 59
Brooks, 1922 (B 722), p. 59
Smith and Mertie, 1930 (B 815), p. 333
*Reed, 1938, p. 134-136
Cobb, 1972 (MF-469), loc. 34
Cobb, 1976 (OF 76-340), p. 119
Grybeck, 1977 (OF 77-166C), p. 27, loc. 23

(John R.)

*Schrader, 1904 (P 20), p. 104
*Brooks, 1905 (B 259), p. 30
Smith and Mertie, 1930 (B 815), p. 342
*Joesting, 1942 (TDM 1), p. 14
Berg and Cobb, 1967 (B 1246), p. 234
Cobb, 1972 (MF-469), loc. 4
Cobb, 1976 (OF 76-340), p. 120
Grybeck, 1977 (OF 77-166C), p. 26, loc. 9

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Joesting, 1943 (TDM 2), p. 16-17
*Ebbley and Wright, 1948 (RI 4173), p. 37
*Brosgé and Reiser, 1972 (P 709), p. 9
Cobb, 1972 (MF-469), loc. 21
*Cobb, 1973 (B 1374), p. 160
Cobb, 1976 (OF 76-340), p. 121
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

(Julian Cr.)

*Brooks, 1908 (B 345), p. 45
Cobb, 1976 (OF 76-340), p. 122

(Kay Cr.)

*Reed, 1938, p. 136-137
Cobb, 1972 (MF-469), loc. 35
Cobb, 1976 (OF 76-340), p. 123

(Kelly Gulch)

Maddren, 1910 (B 442), p. 292
*Maddren, 1913 (B 532), p. 69, 89
*Reed, 1938, p. 91
Cobb, 1972 (MF 469), loc. 49
Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 124

(Koyukuk R., South Fork)

Smith, 1933 (B 836), p. 39
Smith, 1937 (B 880-A), p. 46
Smith, 1938 (B 897-A), p. 54
*Cobb, 1976 (OF 76-340), p. 125

(Lake Cr.)

Maddren, 1910 (B 442), p. 292, 314
Maddren, 1913 (B 532), p. 70, 109
Smith and Mertie, 1930 (B 815), p. 333
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Thorne and others, 1948 (RI 4174), p. 28
Chipp, 1972 (GC 25), sample 133
Cobb, 1972 (MF-469), loc. 31
Cobb, 1973 (B 1374), p. 160
*Cobb, 1976 (OF 76-340), p. 126
Grybeck, 1977 (OF 77-166C), p. 27, loc. 20b

(Lofty Cr.)

*Reed, 1938, p. 57
Mulligan, 1974 (IC 8626), p. 7
Cobb, 1976 (OF 76-340), p. 127

(Lucky Cr.)

*Reed, 1938, p. 137
Cobb, 1976 (OF 76-340), p. 128
Grybeck, 1977 (OF 77-166C), p. 27, loc. 23

(Luke Cr.)

*Reed, 1938, p. 126
Cobb, 1976 (OF 76-340), p. 129

(Lynx Cr.)

*Reed, 1938, p. 121
Cobb, 1976 (OF 76-340), p. 130

(Mailbox Cr.)

Smith, 1937 (B 880-A), p. 45
*Reed, 1938, p, 148-149
Cobb, 1972 (MF-469), loc. 55
Mulligan, 1974 (IC 8626). p. 9
Cobb, 1976 (OF 76-340), p. 131
Cobb, 1977 (OF 77-168B), p. 53, loc. 5

(Mary's Cr.)

*Reed, 1938, p. 126
Cobb, 1976 (OF 76-340), p. 132

(Mascot Cr.)

Schrader, 1904 (P 20), p. 100
Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 290-292, 313
*Maddren, 1913 (B 532), p. 70, 108-109
Smith, 1933 (B 836), p. 39
Smith, 1936 (B 868-A), p. 42-43
*Reed, 1938, p. 82-87
*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 38
Cobb, 1976 (OF 76-340), p. 133
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(Mathews Dome)

*Chipp, 1972 (GC 25), samples 134-136
Cobb, 1976 (OF 76-340), p. 134
Grybeck, 1977 (OF 77-166C), p. 27, loc. 21

(McKinley Cr.)

*Schrader, 1900, p. 485
Cobb, 1976 (OF 76-340), p. 135

(Michigan Cr.)

Schrader, 1904 (P 20), p. 105
Brooks, 1923 (B 739), p. 42
Smith and Mertie, 1930 (B 815), p. 343
Reed, 1938, p. 139-140
Wedow and others, 1952, p. 91
Brosgé and Reiser, 1960
Berg and Cobb, 1967 (B 1246), p. 234
Cobb, 1972 (MF-469), loc. 15
*Cobb, 1976 (OF 76-340), p. 136
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(Midas Cr.)

Maddren, 1910 (B 442), p. 314
*Maddren, 1913 (B 532), p. 110
Smith, 1913 (B 536), p. 144
Smith and Mertie, 1930 (B 815), p. 334
Cobb, 1972 (MF-469), loc. 25
Cobb, 1976 (OF 76-340), p. 137

(Minnie Cr.)

Maddren, 1910 (B 442), p. 292
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Maddren, 1913 (B 532), p. 69, 94-95
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Cobb, 1972 (MF-469), loc. 46
*Mulligan, 1974 (IC 8626), p. 8
Cobb, 1976 (OF 76-340), p. 138

(Moose Gulch) (Cr.)

*Maddren, 1913 (B 532), p. 91
Cobb, 1976 (OF 76-340), p. 139

(Myrtle Cr.)

Schrader, 1900, p. 483-484
Schrader, 1904 (P 20), p. 99, 102
Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 288, 291-292, 298-300
Maddren, 1913 (B 532), p. 69, 86-89
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Smith, 1936 (B 868-A), p. 42-43
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Smith, 1941 (B 926-A), p. 52
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Cobb, 1972 (MF-469), loc. 51
Cobb, 1973 (B 1374), p. 158, 160
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*Cobb, 1976 (OF 76-340), p. 140
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(Nolan Cr.)

Schrader, 1904 (P 20), p. 100
Brooks, 1908 (B 345), p. 45
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Smith, 1917 (BMB 142), p. 25
Smith, 1917 (BMB 153), p. 54
Brooks, 1918 (B 662), p. 59
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Cobb, 1972 (MF-469), loc. 42
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*Cobb, 1976 (OF 76-340), p. 141-142
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(Old Man Cr.)

*Brooks, 1911 (B 480), p. 39
Cobb, 1976 (OF 76-340), p. 143

(Oregon Cr.)

*Reed, 1938, p. 131
Cobb, 1972 (MF-469), loc. 32
Cobb, 1976 (OF 76-340), p. 144

(Pasco Cr.)

*Schrader, 1900, p. 485
Cobb, 1976 (OF 76-340), p. 145

(Porcupine Cr.)

Schrader, 1900, p. 485
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Cobb, 1973 (B 1374), p. 160
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*Cobb, 1976 (OF 76-340), p. 146

(Quartz Cr.)

*Reed, 1938, p. 104
Cobb, 1972 (MF-469), loc. 52
Cobb, 1976 (OF 76-340), p. 147

(Rocky Point)

*Chipp, 1972 (GC 25), sample 121

Cobb, 1976 (OF 76-340), p. 148

(Rose Cr.)

*Maddren, 1913 (B 532), p. 86
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Cobb, 1972 (MF-469), loc. 53
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(Rye Cr.)

Brooks, 1916 (B 642), p. 65
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*Cobb, 1976 (OF 76-340), p. 150
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(Sawyer Gulch) (Cr.)

*Maddren, 1913 (B 532), p. 91
*Reed, 1938, p. 88
Cobb, 1972 (MF-469), loc. 47
Mulligan, 1974 (IC 8626), p. 9
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(Sirr Cr.)

*Reed, 1938, p. 122
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(Slate Cr.)

Schrader, 1900, p. 483-485
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Cobb, 1972 (MF-469), loc. 51
*Cobb, 1976 (OF 76-340), p. 153
Cobb, 1977 (OF 77-168B), p. 53, loc. 3

(Smally Cr.)

*Reed, 1938, p. 158-160
Cobb, 1972 (MF-469), loc. 59
Cobb, 1976 (OF 76-340), p. 154

Cobb, 1977 (OF 77-168B), p. 53, loc. 7

(Smith Cr.) (Gulch)

Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 292, 301-303
Brooks, 1913 (B 542), p. 45
*Maddren, 1913 (B 532), p. 69, 92-94
Brooks, 1915 (B 622), p. 59
Brooks, 1916 (B 642), p. 65
Brooks, 1918 (B 662), p. 59
Brooks, 1922 (B 722), p. 59
Smith, 1930 (B 810), p. 27
Smith, 1930 (B 813), p. 33
Smith, 1932 (B 824), p. 38
Smith, 1933 (B 836), p. 39
Smith, 1936 (B 868-A), p. 42-43
Smith, 1937 (B 880-A), p. 45-46
*Reed, 1938, p. 72-75
Smith, 1938 (B 897-A). p. 54
Cobb, 1972 (MF-469), loc. 42
*Mulligan, 1974 (IC 8626), p. 8
Cobb, 1976 (OF 76-340), p. 166
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Smith Creek Dome)

Joesting, 1943 (TDM 2), p. 16-17
Ebbley and Wright, 1948 (RI 4173), p. 37
Brosgé and Reiser, 1960
Brosgé and Reiser, 1972 (P 709), p. 8-9
Cobb, 1972 (MF-469), loc. 22
Mulligan, 1974 (IC 8626), p. 7
*Cobb, 1976 (OF 76-340), p. 156

(Spring Cr.)

Maddren, 1910 (B 442), p. 292, 314
Maddren, 1913 (B 532), p. 70, 110
Smith and Mertie, 1930 (B 815), p. 333
Smith, 1933 (B 836), p. 39-40
Reed, 1938, p. 119-121
Smith, 1939 (B 910-A), p. 56
Smith, 1939 (B 917-A), p. 55
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 30
*Cobb, 1976 (OF 76-340), p. 157
Grybeck, 1977 (OF 77-166C), p. 27, loc. 20a

(Summit Cr.)

Smith, 1932 (B 824), p. 38-39
Smith, 1933 (B 836), p. 39-40

*Reed, 1938, p. 116-119
Cobb, 1972 (MF-469), loc. 29
Cobb, 1976 (OF 76-340), p. 158

(Swift Gulch) (Cr.)

Schrader, 1904 (P 20), p. 100
Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 292, 305
Brooks, 1913 (B 542), p. 45
Maddren, 1913 (B 532), p. 69, 96-97
Smith, 1930 (B 810), p. 27
Reed, 1938, p. 56-57
Cobb, 1972 (MF-469), loc. 41
Mulligan, 1974 (IC 8626), p. 8
*Cobb, 1976 (OF 76-340), p. 159
Grybeck, 1977 (OF 77-166C), p. 29, loc. 34b

(Thompson Pup)

*Brosgé and Reiser, 1972 (P 709), p. 8, 12
Cobb, 1972 (MF-469), loc. 22
Cobb, 1976 (OF 76-340), p. 160

(Timber Cr.)

*Reed, 1938, p. 143
Cobb, 1976 (OF 76-340), p. 161

(Tramway Bar)

Schrader, 1900, p. 483
Schrader, 1904 (P 20), p. 98, 100, 102
Maddren, 1910 (B 442), p. 291-292, 297
Maddren, 1913 (B 532), p. 69, 84-85
*Reed, 1938, p. 145-147
Smith, 1941 (B 926-A), p. 53
Smith, 1942 (B 933-A), p. 47
Brosgé and Reiser, 1960
*Brosgé and Reiser, 1972 (P 709), p. 3
Cobb, 1972 (MF-469), loc. 58
*Cobb, 1973 (B 1374), p. 159
Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 162
Cobb, 1977 (OF 77-168B), p. 53, loc. 5

(Twelvemile Cr.)

Schrader, 1900, p. 485
Schrader, 1904 (P 20), p. 102
Maddren, 1910 (B 442), p. 292
*Maddren, 1913 (B 532), p. 69, 85
Smith, 1936 (B 868-A), p. 43
Smith, 1937 (B 880-A), p. 46
*Reed, 1938, p. 105-111

Cobb, 1972 (MF-469), loc. 54
Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 163
Cobb, 1977 (OF 77-168B), p. 53, loc. 1

(Twocent Cr.)

*Reed, 1938, p. 130
Cobb, 1976 (OF 76-340), p. 164

(Union Gulch) (Cr.)

Schrader, 1904 (P 20), p. 99-102
Maddren, 1910 (B 442), p. 292, 304
Maddren, 1913 (B 532), p. 69, 95
Smith, 1936 (B 868-A), p. 42-43
Reed, 1938, p. 59
Cobb, 1972 (MF-469), loc. 44
Mulligan, 1974 (IC 8626), p. 8
*Cobb, 1976 (OF 76-340), p. 165
Grybeck, 1977 (OF 77-166C), p. 29, loc. 37

(VABM Allen)

Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 6
Cobb, 1976 (OF 76-340), p. 184
Grybeck, 1977 (OF 77-166C), p. 26, loc. 11
*Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470, 472

(Vermont Cr.)

Schrader, 1904 (P 20), p. 100
Brooks, 1908 (B 345), p. 45
Maddren, 1910 (B 442), p. 292, 305-306
*Maddren, 1913 (B 532), p. 69, 97-98
Brooks, 1915 (B 622), p. 59
Brooks, 1918 (B 662), p. 59
Smith, 1930 (B 810), p. 27
Smith, 1932 (B 824), p. 38
Smith, 1933 (B 836), p. 39
Smith, 1937 (B 880-A), p. 45-46
Reed, 1938, p. 55-56
Smith, 1938 (B 897-A), p. 54
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 40
Cobb, 1973 (B 1374), p. 158, 160
*Mulligan, 1974 (IC 8626), p. 7
Cobb, 1976 (OF 76-340), p. 166
Grybeck, 1977 (OF 77-166C), p. 28, loc. 34a

(Vermont Dome)

*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 24
*Mulligan, 1974 (IC 8626), p. 7
Cobb, 1976 (OF 76-340), p. 167
Grybeck, 1977 (OF 77-166C), p. 28, loc. 33

Wannemaker & Wortman

*Ebbley and Wright, 1948 (RI 4173), p. 38
Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 21
*Mulligan, 1974 (IC 8626), p. 8
Cobb, 1976 (OF 76-340), loc. 168
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

(Washington Cr.)

Schrader, 1904 (P 20), p. 100
Maddren, 1910 (B 442), p. 292, 313
Maddren, 1913 (B 532), p. 70, 108
Reed, 1938, p. 81-82
Brosgé and Reiser, 1972 (P 709), p. 12
Cobb, 1972 (MF-469), loc. 39
Mulligan, 1974 (IC 8626), p. 7
*Cobb, 1976 (OF 76-340), p. 169

(Wild Lake)

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 13
Cobb, 1976 (OF 76-340), p. 170

(Wild R.) (Cr.)

Brooks, 1905 (B 259), p. 30
Brooks, 1915 (B 622), p. 59
Smith, 1932 (B 824), p. 38
Smith, 1933 (B 836), p. 39-40
Smith, 1933 (B 844-A), p. 39
Smith, 1934 (B 857-A), p. 36
Smith, 1934 (B 864-A), p. 40-41
Smith, 1937 (B 880-A), p. 45-46
Smith, 1938 (B 897-A), p. 54
Smith, 1941 (B 926-A), p. 52
Smith, 1942 (B 933-A), p. 47
*Cobb, 1976 (OF 76-340), p. 171

(Wilson Cr.)

*Maddren, 1913 (B 532), p. 107
Reed, 1938, p, 162
Cobb, 1976 (OF 76-340), p. 172

(Wiseman)

*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 19
*Mulligan, 1974 (IC 8626), p. 9
Cobb, 1976 (OF 76-340), p. 173

(Wiseman Cr.)

Schrader, 1900, p. 485
Brooks, 1905 (B 259), p. 30
Maddren, 1910 (B 442), p. 300-301
Maddren, 1913 (B 532), p. 91-92
Smith, 1932 (B 824), p. 38
Smith, 1933 (B 836), p. 39
Reed, 1938, p. 60-62
Smith, 1939 (B 910-A), p. 56
Smith, 1939 (B 917-A), p. 55
Cobb, 1972 (MF-469), loc. 43
*Cobb, 1976 (OF 76-340), p. 174

Unnamed occurrence, antimony, lead, at 67°30'N, 151°30'W

*Chipp, 1972, (GC 25), sample 138
Cobb, 1976 (OF 76-340), p. 189
Grybeck, 1977 (OF 77-166C), p. 27, loc. 19

Unnamed occurrence, copper, at 67°19'N, 150°25'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 17
Cobb, 1976 (OF 76-340), p. 175

Unnamed occurrences, copper, at 67°29'N, 151°41'W

*Chipp, 1972 (GC 25), samples 129, 130
Cobb, 1976 (OF 76-340), p. 177
Grybeck, 1977 (OF 77-166C), p. 27, loc. 16

Unnamed occurrence, copper, as 67°30'N, 151°31'W

*Chipp, 1972 (GC 25), sample 139
Cobb, 1976 (OF 76-340), p. 178
Grybeck, 1977 (OF 77-166C), p. 27, loc. 19

Unnamed occurrence, copper, at 67°30'N, 151°45'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 12
Cobb, 1976 (OF 76-340), p. 179
Grybeck, 1977 (OF 77-166C), p. 27, loc. 15

Unnamed occurrence, copper, at 67°30'N, 151°52'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 11
Cobb, 1976 (OF 76-340), p. 180
Grybeck, 1977 (OF 77-166C), p. 27, loc. 14

Unnamed occurrence, copper, at 67°32'N, 152°16'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 5
Cobb, 1976 (OF 76-340), p. 181
Grybeck, 1977 (OF 77-166C), p. 26, loc. 10

Unnamed occurrence, copper, as 67°32'N, 151°27'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 14
Cobb, 1976 (OF 76-340), p. 182
Grybeck, 1977 (OF 77-166C), p. 17, loc. 18

Unnamed occurrences, copper, at 67°32'N, 151°30'W

*Chipp, 1972 (GC 25), samples 116, 117
Cobb, 1976 (OF 340), p. 183
Grybeck, 1977 (OF 77-166C), p. 27, loc. 18

Unnamed occurrence, copper, at 67°34'N, 151°59'W

Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 7
Cobb, 1976 (OF 76-340), p. 185
Grybeck, 1977 (OF 77-166C), p. 26, loc. 12
*Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470-477

Unnamed occurrence, copper, at 67°40'N, 152°57'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 1
Cobb, 1976 (OF 76-340), p. 186
Grybeck, 1977 (OF 77-166C), p. 26, loc. 7

Unnamed occurrence, copper, lead, at 67°32'N, 151°35'W

*Chipp, 1972 (GC 25), sample 124
Cobb, 1976 (OF 76-340), p. 187
Grybeck, 1977 (OF 77-166C), p. 27, loc. 17

Unnamed occurrence, copper, lead, at 67°35'N, 151°54'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 8
Cobb, 1976 (OF 76-340), p. 188
Grybeck, 1977 (OF 77-166C), p. 27, loc. 13
Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470-477

Unnamed occurrence, copper, lead, zinc, at 67°18'N, 152°18'W approx.

*Grybeck, 1977 (OF 77-166C), p. 28, loc. 31

Unnamed occurrence, copper, zinc(?), at 67°23'N, 150°10'W

*Mulligan, 1974 (IC 8626), p. 9

Cobb, 1976 (OF 76-340), p. 176

Unnamed occurrence, lead, at 67°34'N, 150°39'W

*Brosgé and Reiser, 1960
Cobb, 1972 (MF-469), loc. 16
Cobb, 1976 (OF 76-340), p. 190
Grybeck, 1977 (OF 77-166C), p. 28, loc. 32

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